

211.
54

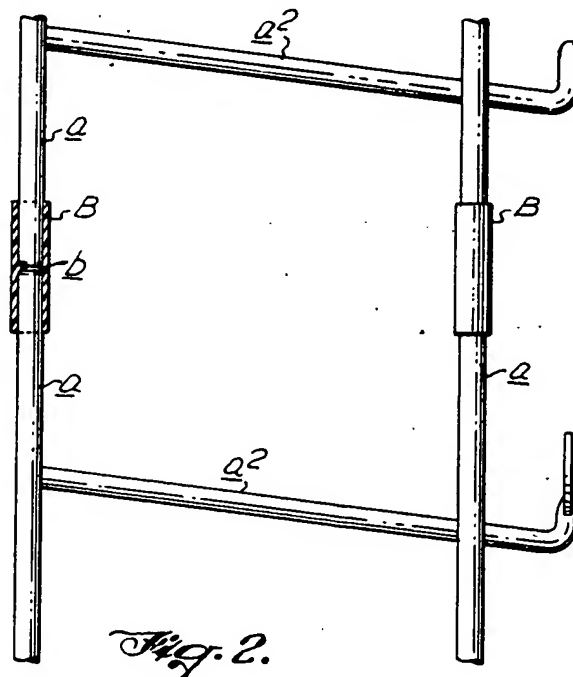
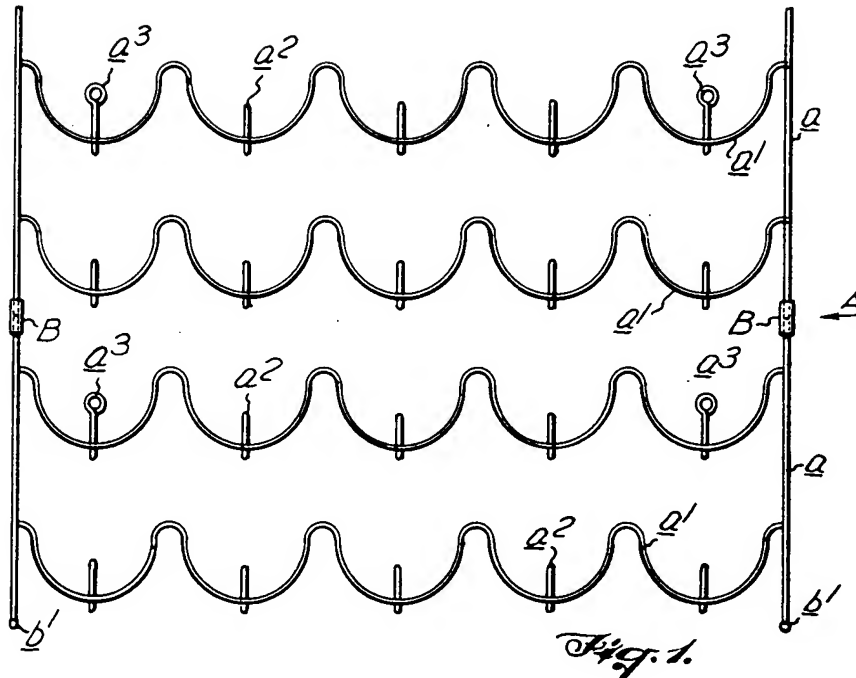
1966.

1,031,205
1 SHEET

COMPLETE SPECIFICATION

This drawing is a reproduction of
the Original on a reduced scale.

Carroll



PATENT SPECIFICATION

1,031,205

1,031,205



Date of filing Complete Specification: April 29, 1965.

Application Date: April 30, 1964.

No. 17932/64

Complete Specification Published: June 2, 1966.

© Crown Copyright 1966.

Index at Acceptance:—A4 H (12B1, 21).

Int. Cl.:—A 47 b 73/00.

GT. BRIT.
DIV.

COMPLETE SPECIFICATION

DRAWINGS ATTACHED

Improvements in Bottle Racks

We, AUBREY GEORGE CARROLL and BRINNAND SEDDON both British subjects of Trading Estate, Farnham, County of Surrey, do hereby declare the invention, for which we pray that a patent may be granted to us, and the method by which it is to be performed, to be particularly described in and by the following statement:—

10 This invention relates to stackable storage rack units for bottles and other articles of the kind formed with wire shelves to hold the bottles or other articles.

15 In the specification of our prior Patent No. 943,443 we have described a storage rack constructed with wire end frames formed with wire shelves to carry the bottles or other articles with the wires of the end frames shaped to provide feet at their lower ends forming 'Y' shaped supports at their upper ends to receive and locate the feet on an adjacent unit and the object of the present invention is to provide an alternative means for stacking the units.

20 According to the invention, the units are formed with vertical legs and wires shelves to carry the bottles, two or more units being stacked by applying a sleeve over the ends of the legs in adjacent vertical units to secure the units one above the other.

25 The invention will be described with reference to the accompanying drawings:—

30 Fig. 1 is a side elevation of two stacked racks.

Fig. 2 is a part end view in the direction of the arrow Fig. 1.

40 A bottle rack A is formed with four upright legs *a* supporting a plurality of wavy or undulating longitudinal members *a'* to form shelves to support bottles lying

on their sides, the longitudinal members *a'* extending between the front pair of legs being connected to the longitudinal members extending between the rear pair of legs by transverse members *a''* welded thereto. The transverse members *a''* may be bent upwards at their rear ends to engage the bottom of the bottles. The upturned ends of one or more of the members may be formed with eyelets *a'* to receive screws for attaching the rack to the wall or the like.

The longitudinal members *a'* may be spaced to carry three, four or five bottles.

In order to stack the racks A one above the other short sleeves B are applied to the ends of the legs *a* to receive the ends of the legs *a* on an adjacent rack. The sleeves B are preferably pressed inwards adjacent the centre of their length to form an abutment *b* to prevent them from sliding down the leg. Alternatively, portions may be punched inwards on the sleeves to form the abutments.

The rods or wires forming the legs *a* and supporting members are preferably coated with a plastics material and the sleeves may be of metal coated with a plastics material or they may be formed of a plastics material to slide over the ends of the leg.

Plastic caps *b'* or ferrules may be inserted on the lower ends of the legs of the lowermost rack to provide feet therefor.

WHAT WE CLAIM IS:—

1. A stackable bottle storage rack unit formed with vertical legs and with shelves to carry the bottles, two or more units being stacked by applying a sleeve over the ends of the legs in adjacent vertical units to secure the units one above the other.

[Price 4s. 6d.]

2. A stackable bottle storage rack unit substantially as described with reference to the accompanying drawings.

J. OWDEN O'BRIEN & SON
Chartered Patent Agents,
Manchester, 2.

Berwick-upon-Tweed: Printed for Her Majesty's Stationery Office by The Tweeddale Press Ltd.—1966
Published at The Patent Office, 25 Southampton Buildings, London, W.C.2 from which copies may
be obtained